



Claim 6 (original): A method of manufacturing a disc-shaped recording medium according to claim 5, wherein the inert gas is introduced while measuring an oxygen concentration within said shield container.

Claim 7 (currently amended): A method of manufacturing a disc-shaped recording medium according to claim 5 ~~or 6, wherein~~ further comprising the steps of flowing the inert gas ~~is flowed~~ through the vicinity of an irradiation window of an electron beam irradiation unit for irradiating the electron beams toward a gas discharge port from a gas introduction port, thereby cooling off the vicinity of said irradiation window.

Claim 8 (currently amended): A method of manufacturing a disc-shaped recording medium according to ~~any one of claims~~ claim 1 through 7, wherein further comprising the steps of setting the acceleration voltage ~~is set~~ in consideration of a thickness of the layer composed mainly of the resin.